IN THE CLAIMS

Please amend claims 1-2, 4, 9-10, 12, 17, and 19-20 as indicated below.

1. (Currently Amended) A method comprising:

receiving a sequence of image data to compress; and

specifying scalar quantization with a power of two step size using three bit values to apply to the sequence of image data, wherein the three bit values specify a number of bitplanes to be truncated during the quantization.

2. (Currently Amended) The method defined in Claim 1 further comprising:

coding bitplanes specified for application of the ~~scaler~~ scalar quantization.

3. (Original) The method defined in Claim 2 wherein non-specified bit planes are not coded.

4. (Currently Amended) The method defined in Claim 1 wherein all bitplanes are truncated during the quantization when each of the three bits representing the three bit values is a logical one ~~the three bit values specify whether to a number of bit planes to truncate~~.

5. (Original) The method defined in Claim 1 wherein the three bit values specify 0, 1, 2, 3, 4, 5, 6, or all bit planes for truncation.

6. (Original) The method defined in Claim 1 wherein specifying scalar quantization comprises specifying scalar quantization for individual frames of a motion video sequence.

7. (Original) The method defined in Claim 6 wherein the video sequence comprises a motion JPEG 2000 Standard video sequence.

8. (Original) The method defined in Claim 1 further comprising writing the three bit values to a controller to cause the controller to control compression hardware.

9. (Currently Amended) An apparatus comprising:

means for receiving a sequence of image data to compress; and

means for specifying scalar quantization with a power of two step size using three bit values for the compressed data, wherein the three bit values specify a number of bitplanes to be truncated during the quantization.

10. (Currently Amended) The apparatus defined in Claim 9 further comprising means for coding bitplanes specified for application of the ~~scaler~~ scalar quantization.

11. (Original) The apparatus defined in Claim 9 wherein non-specified bit planes are not coded.

12. (Currently Amended) The apparatus defined in Claim 9 wherein all bitplanes are truncated during the quantization when each of the three bits representing the three bit values has a logical value of one ~~the three bit values specify whether to a number of bit planes to truncate~~.

13. (Original) The apparatus defined in Claim 9 wherein the three bit values specify 0, 1, 2, 3, 4, 5, 6, or all bit planes for truncation.

14. (Original) The apparatus defined in Claim 9 wherein specifying scalar quantization comprises specifying scalar quantization for individual frames of a motion video sequence.

15. (Original) The apparatus defined in Claim 14 wherein the video sequence comprises a motion JPEG 2000 Standard video sequence.

16. (Original) The apparatus defined in Claim 9 further comprising writing the three bit values to a controller to cause the controller to control compression hardware.

17. (Currently Amended) An apparatus for compressing image data comprising:

a controller to specify scalar quantization with a power of two step size using three bit values to be applied to the image data; and

a compressor coupled to the controller to compress a sequence of image data to create compressed data, the compressor comprising a quantizer responsive to the scalar quantization specified by the controller to quantize the image data, wherein the three bit values specify a number of bitplanes to be truncated during the quantization.

18. (Original) The apparatus defined in Claim 13 wherein the compressed data is compliant with the JPEG 2000 Standard.

19. (Currently Amended) The ~~method~~ apparatus defined in Claim 17 ~~further comprising:~~ wherein the quantizer performs coding bitplanes specified for application of the ~~scaler~~ scalar quantization.

20. (Currently Amended) An article of manufacture comprising one or more recordable media having executable instructions stored thereon which, when executed by a machine, cause the machine to:

receive a sequence of image data to compress; and

specify scalar quantization with a power of two step size using three bit values for the compressed data, wherein the three bit values specify a number of bitplanes to be truncated during the quantization.